

FIG. 1

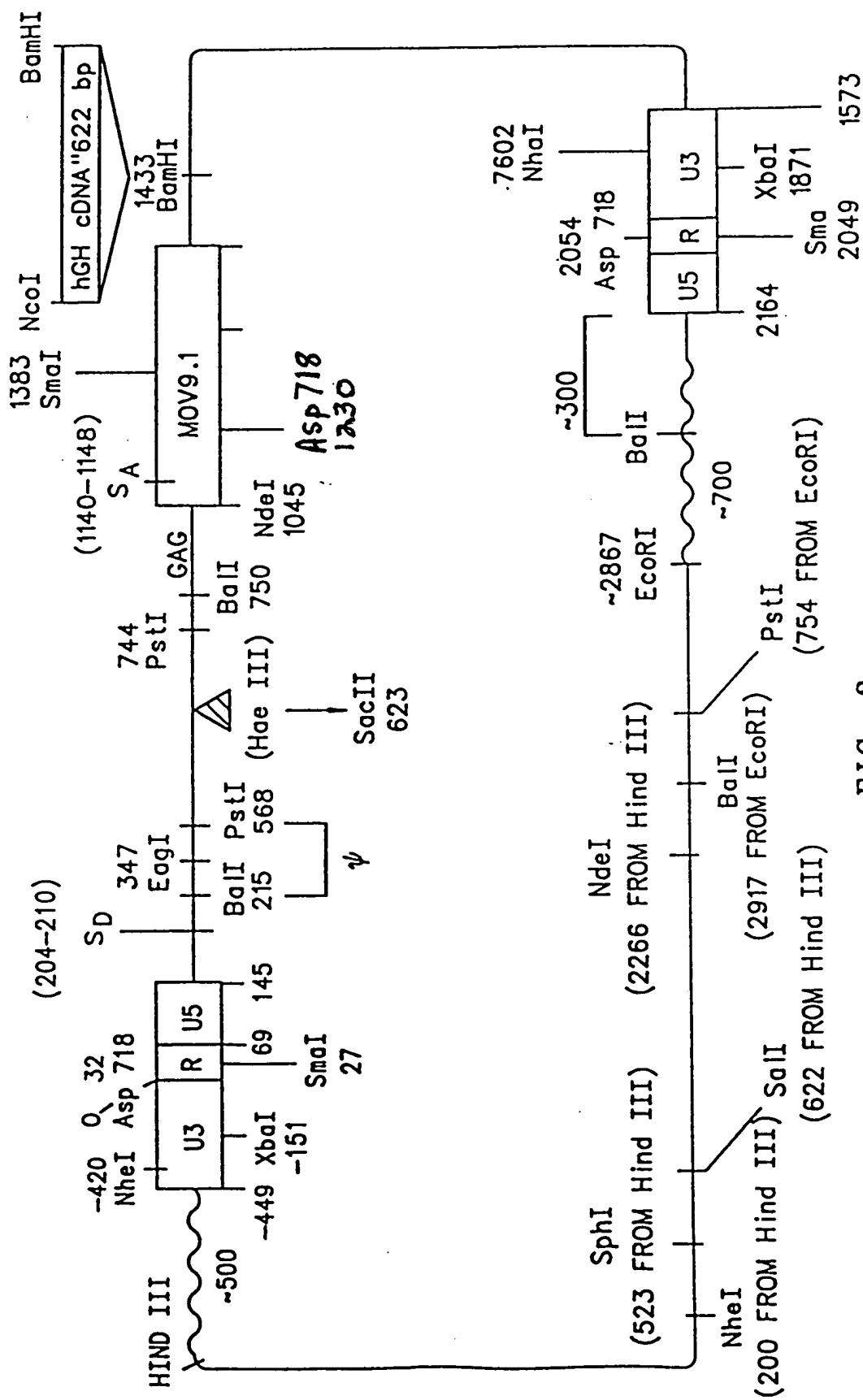


FIG. 3

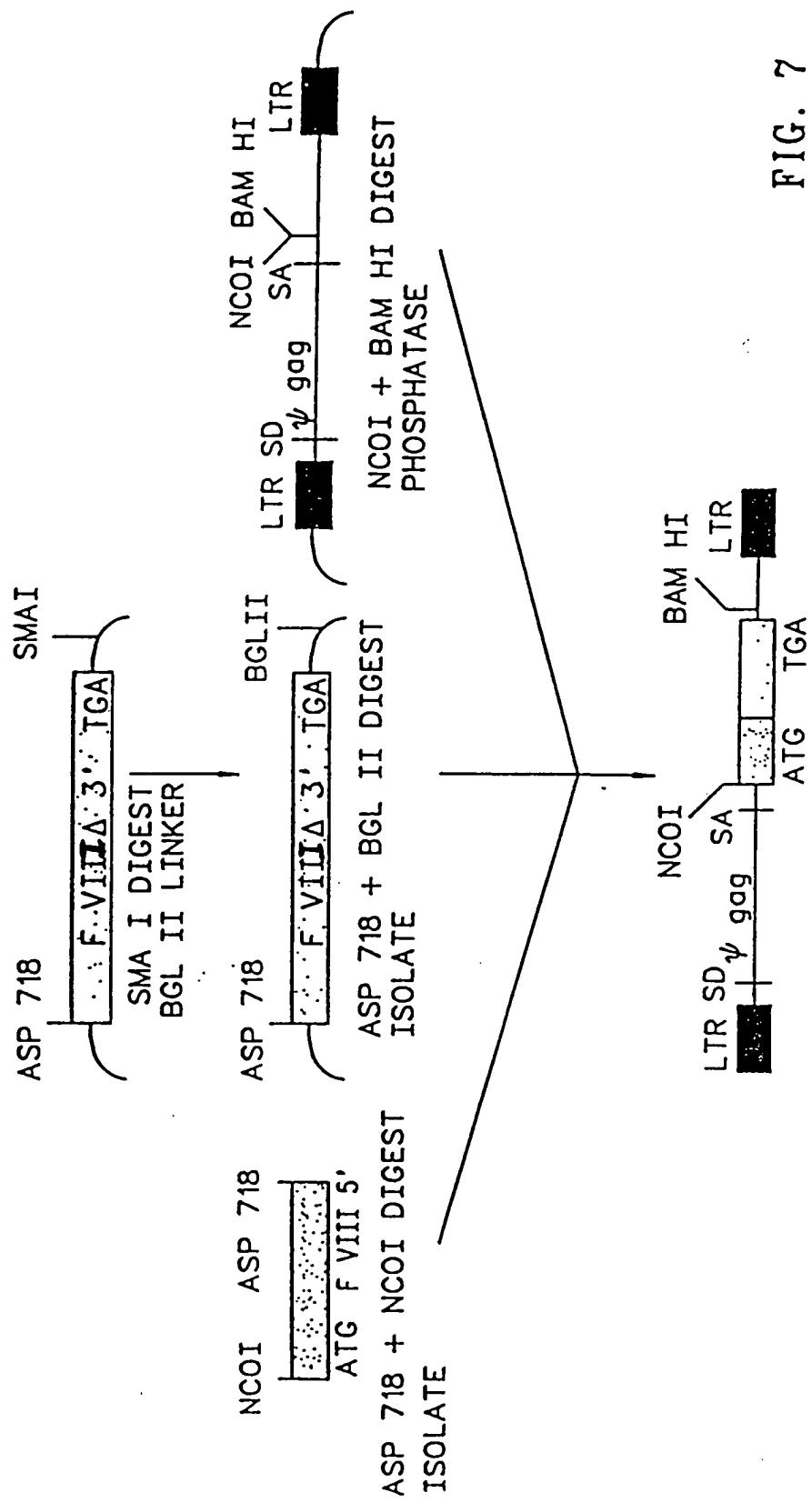


FIG. 7



FIG. 8

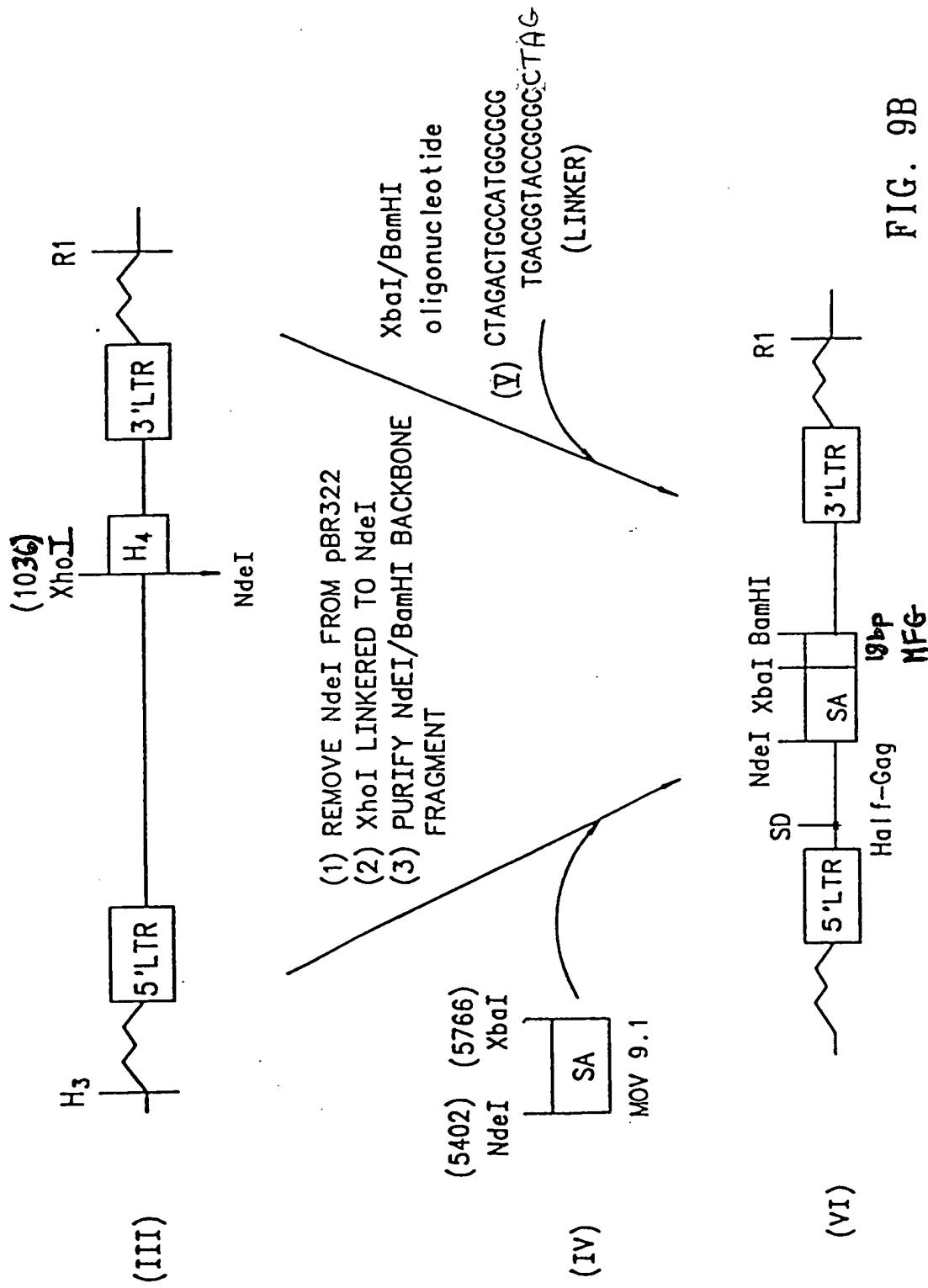


FIG. 9B

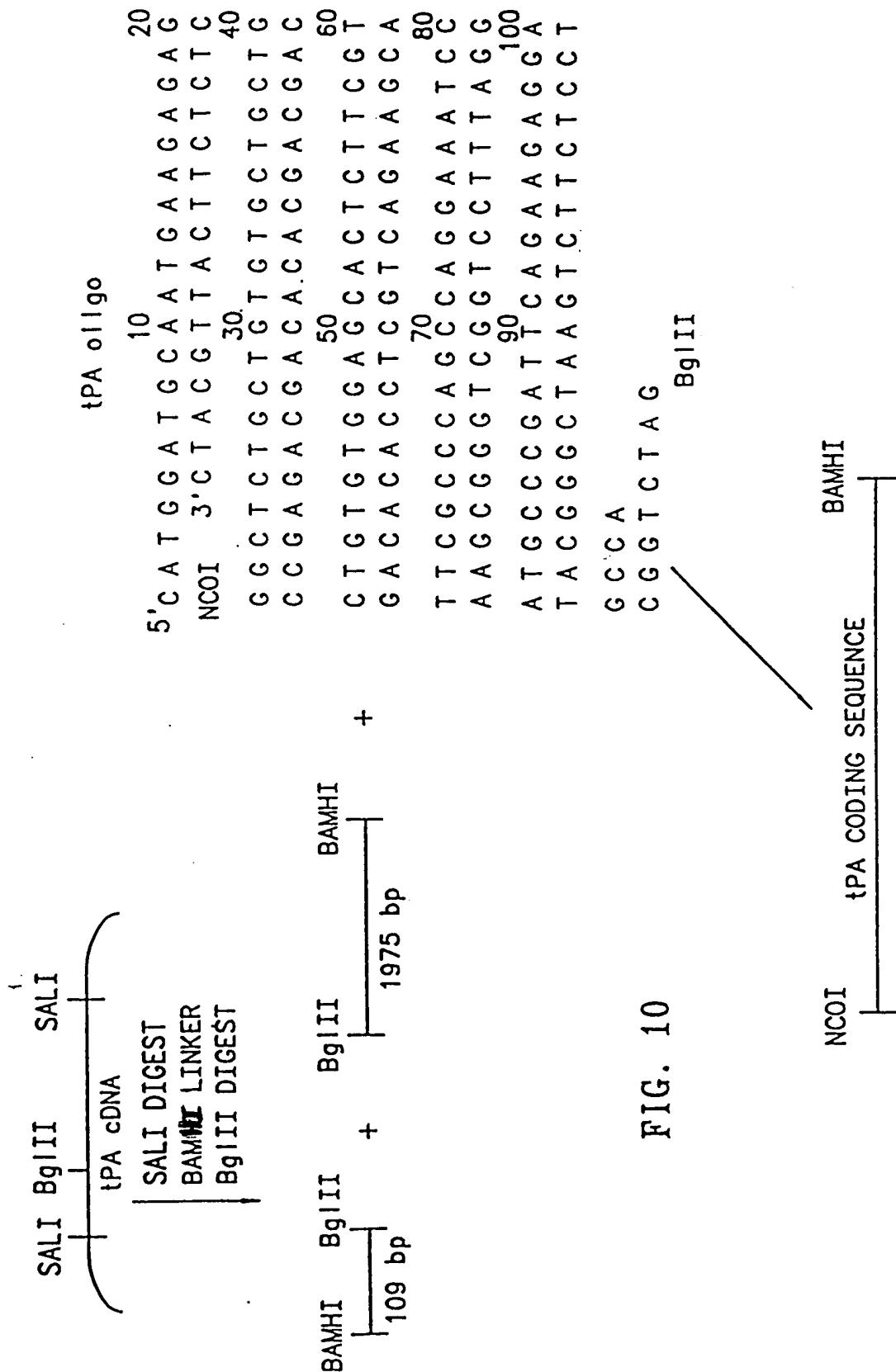


FIG. 10

11/29

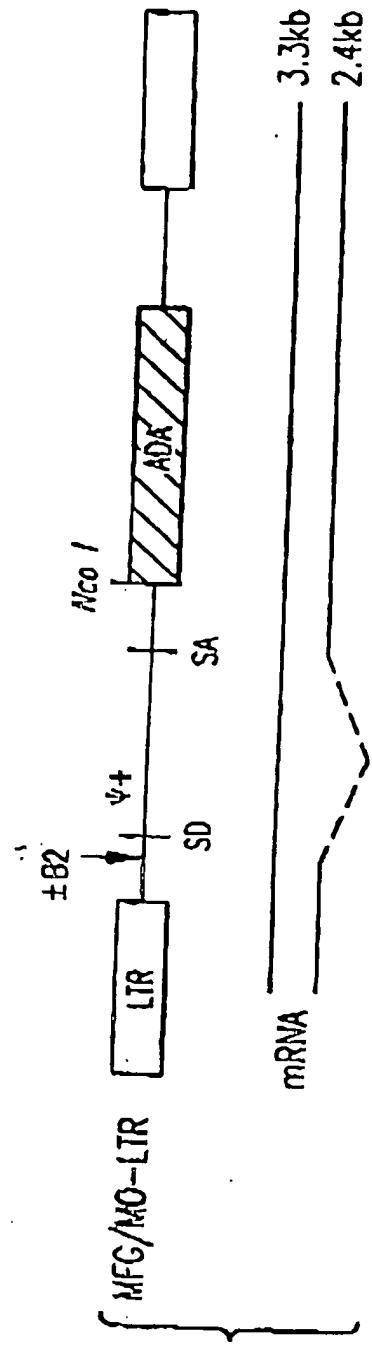


FIG. 11A

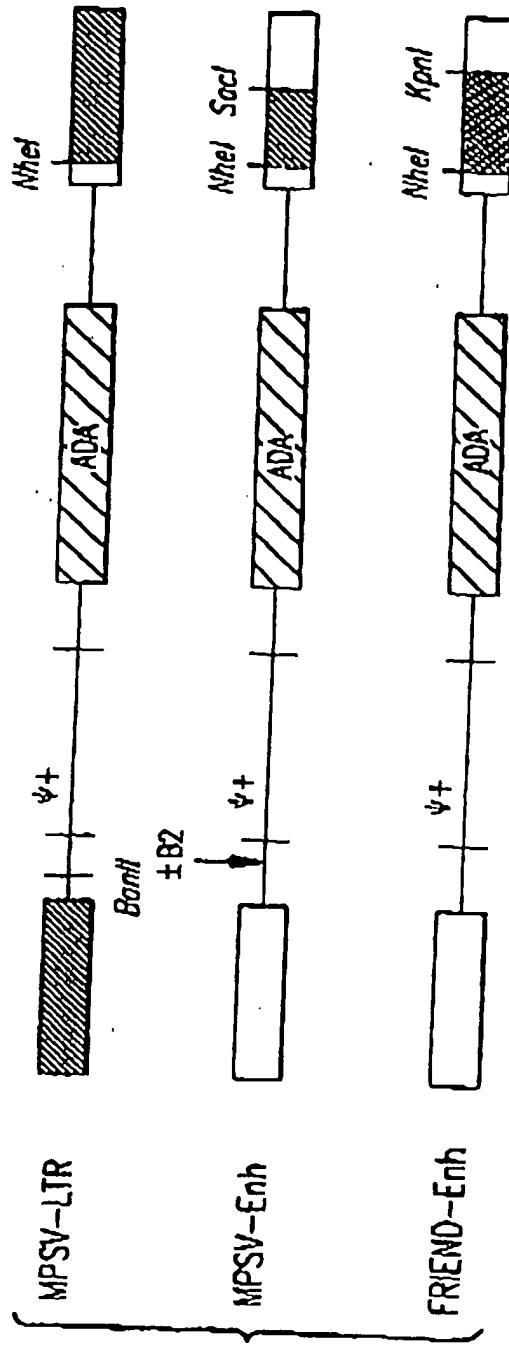


FIG. 11B

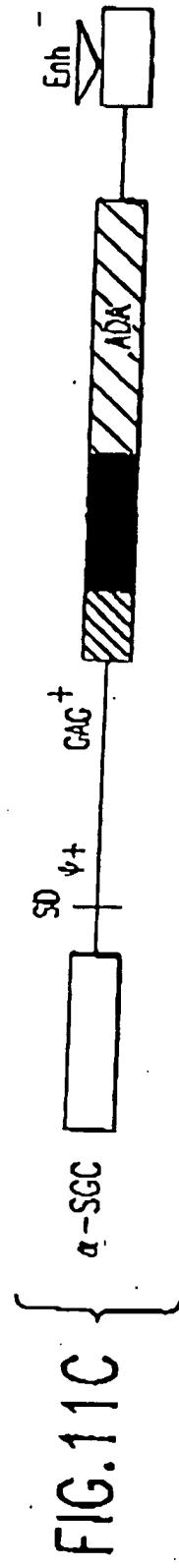


FIG. 15

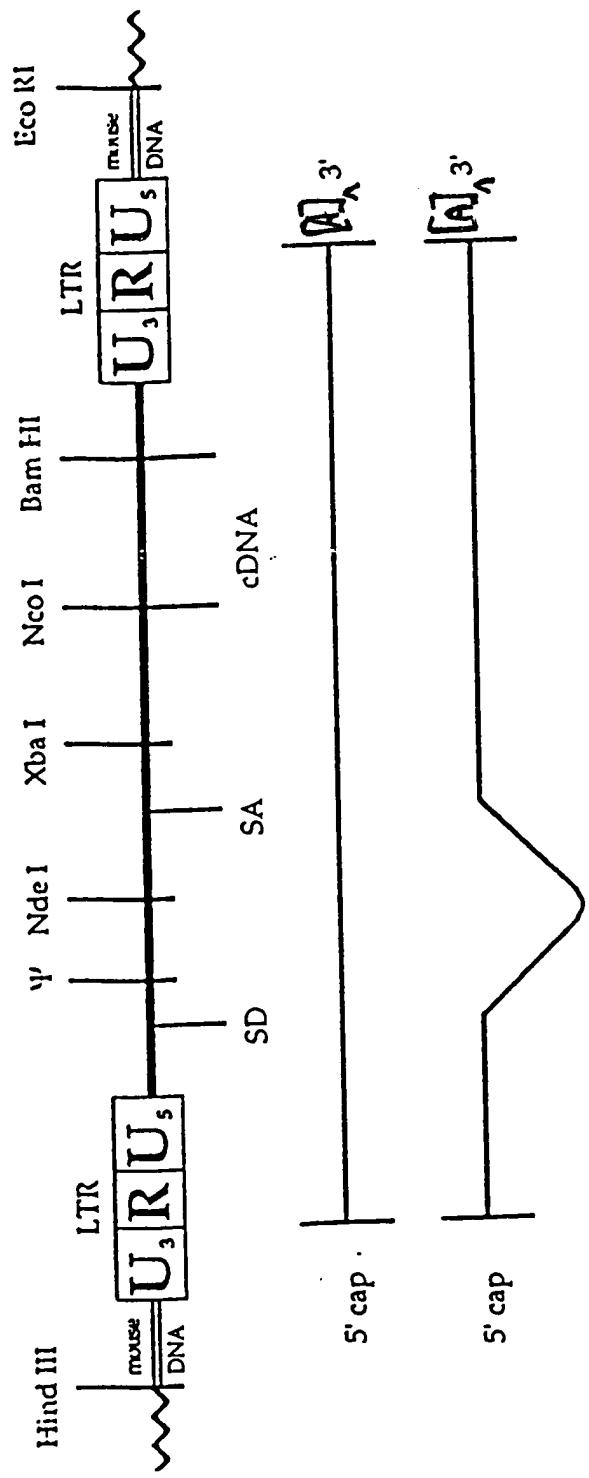


FIG. 17

1 AAGCTTTGCT CTTAGGAGTT TCCTAATACA TCCCAAACTC AAATATATAA AGCATTGAC
TTCGAAACGA GAATCCTCAA AGGATTATGT AGGGTTGAG TTTATATATT TCGTAAACTG
61 TTGTTCTATG CCCTAGGGGG CGGGGGGAAG CTAAGCCAGC TTTTTTTAAC ATTTAAAATG
AACAAAGATAC GGGATCCCCC GCCCCCCCTTC GATTGGTCG AAAAAAATTG TAAATTTAC
121 TTAATTCCAT TTTAAATGCA CAGATGTTT TATTTCATAA GGGTTCAAT GTGCATGAAT
AATTAAGGTA AAATTTACGT GTCTACAAAA ATAAAGTATT CCCAAAGTTA CACGTACTTA
181 GCTGCAATAT TCCGTACCCAAAGCTAGTA TAAATAAAAA TAGATAAACG TGGAAATTAC
CGACGTTATA AGGACAATGG TTTGATCAT ATTTATTTT ATCTATTTGC ACCTTTAATG
241 TTAGAGTTTC TGTCACTAAC GTTCCCTTCC TCAGTTGACA ACATAAAATGC GCTGCTGAGC
AATCTCAAAG ACAGTAATTG CAAAGGAAGG AGTCAACTGT TGTATTTACG CGACGACTCG
301 AAGCCAGTTT GCATCTGTCA GGATCAATTTC CCCATTATGC CAGTCATATT AATTACTAGT
TTCGGTCAAA CGTAGACAGT CCTAGTTAAA GGGTAATACG GTCAGTATAA TTAATGATCA
361 CAATTAGTTG ATTTTTATTT TTGACATATA CATGTGAATG AAAGACCCCA CCTGTAGGTT
GTTAATCAAC TAAAAATAAA AACTGTATAT GTACACTTAC TTTCTGGGT GGACATCCAA
421 TGGCAAGCTA GCTTAAGTAA CGCCATTTC CAAGGCATGG AAAAATACAT AACTGAGAAT
ACCGTTCGAT CGAATTCAATT GCGGTAAAC GTTCCGTACC TTTTATGTA TTGACTCTTA
481 AGAAAAGTTC AGATCAAGGT CAGGAACAGA TGGAACAGCT GAATATGGGC CAAACAGGAT
TCTTTCAAG TCTAGTTCCA GTCTGTCT ACCTTGTCA CTTATACCCG GTTGTCTTA
541 ATCTGTGGTA AGCAGTTCTT GCCCCGGCTC AGGGCCAAGA ACAGATGGAA CAGCTGAATA
TAGACACCAT TCGTCAAGGA CGGGGCCGAG TCCCGTTCT TGTCTACCTT GTGACTTAT
601 TGGGCCAAAC AGGATATCTG TGGTAAGCAG TTCTGCCCG GGCTCAGGGC CAAGAACAGA
ACCCGGTTG TCCTATAGAC ACCATTGTC AAGGACGGGG CCGAGTCCCG GTTCTGTCT
661 TGGTCCCCAG ATGCGGTCCA GCCCTCAGCA GTTCTAGAG AACCATCAGA TGTTTCCAGG
ACCAGGGGTC TACGCCAGGT CGGGAGTCGT CAAAGATCTC TTGGTAGTCT ACAAAAGGTCC
721 GTGCCCAAG GACCTGAAAT GACCCGTGC CTTATTTGAA CTAACCAATC AGTCGCTTC
CACGGGGTTC CTGGACTTTA CTGGACACG GAATAAAACTT GATTGGTTAG TCAAGCGAAG
781 TCGCTTCTGT TCGCGCGCTT CTGCTCCCCG AGCTCAATAA AAGAGCCAC AACCCCTCAC
AGCGAAGACA AGCGCGCGAA GACGAGGGGC TCGAGTTATT TTCTCGGGTG TTGGGGAGTG
841 TCGGGGCGCC AGTCCTCCGA TTGACTGAGT CGCCCGGGTA CCCGTGTATC CAATAAACCC
AGCCCCGCGG TCAGGAGGCT AACTGACTCA CGGGGCCAT GGGCACATAG GTTATTTGGG
901 TCTTGCAGTT GCATCCGACT TGTGGTCTCG CTGTTCTTG GGAGGGTCTC CTCTGAGTGA
AGAACGTCAA CGTAGGCTGA ACACCAAGAGC GACAAGGAAC CCTCCCAGAG GAGACTCACT
961 TTGACTACCC GTCAGCGGGG GTCTTCATT TGGGGCTCG TCCGGGATCG GGAGACCCCT
AACTGATGGG CAGTCGCCCC CAGAAAGTAA ACCCCCGAGC AGGCCCTAGC CCTCTGGGG
1021 GCCCAGGGAC CACCGACCCA CCACCGGGAG GTAAGCTGGC CAGCAACTTA TCTGTGTCTG
CGGGTCCCTG GTGGCTGGGT GGTGGCCCTC CATTGACCG GTCGTTGAAT AGACACAGAC

2281 GCGCGGATCC GGATTAGTCC AATTGTTAA AGACAGGATA TCGTGGTCC AGGCTCTAGT
 CGCGCTAGG CCTAATCAGG TAAACAATT TCTGCTCAT AGTCACCAGG TCCGAGATCA

 2341 TTTGACTCAA CAATATCACC AGCTGAAGCC TATAGAGTAC GAGCCATAGA TAAAATAAAA
 AAACTGAGTT GTTATAGTGG TCGACTTCGG ATATCTCATG CTCGGTATCT ATTTTATTTT

 2401 GATTTTATTT AGTCTCCAGA AAAAGGGGGG AATGAAAGAC CCCACCTGTA GGTTTGGCAA
 CTAAAATAAA TCAGAGGTCT TTTTCCCCCC TTACTTTCTG GGGTGGACAT CCAAACCGTT

 2461 GCTAGCTTAA GTAACGCCAT TTTGCAAGGC ATGGAAAAAT ACATAACTGA GAATAGAGAA
 CGATCGAATT CATTGCGGTA AACGTTCCG TACCTTTTA TGTATTGACT CTTATCTCTT

 2521 GTTCAGATCA AGGTCAAGGAA CAGATGGAAC AGCTGAATAT GGGCCAAACA GGATATCTGT
 CAAGTCTAGT TCCAGTCCTT GTCTACCTTG TCGACTTATA CCCGGTTTGT CCTATAGACA

 2581 GGTAAGCAGT TCCTGCCCCG GCTCAGGGCC AAGAACAGAT GGAACAGCTG AATATGGGCC
 CCATTCTGTCA AGGACGGGGC CGAGTCCCAG TTCTTGTCTA CCTTGTGAC TTATACCCGG

 2641 AAACAGGATA TCTGTGGTAA GCAGTTCTG CCCCCGGCTCA GGGCCAAGAA CAGATGGTCC
 TTTGTCCTAT AGACACCATT CGTCAAGGAC GGGGCCGAGT CCCGGTTCTT GTCTACCAAGG

 2701 CCAGATGCGG TCCAGCCCTC AGCAGTTTCT AGAGAACCAT CAGATGTTTC CAGGGTGC
 GGTCTACGCC AGGTGGGAG TCGTCAAAGA TCTCTTGGTA GTCTACAAAG GTCCCACGGG

 2761 CAAGGACCTG AAATGACCCCT GTGCCATTATT TGAACTAACC AATCAGTTCG CTTCTCGCTT
 GTTCTGGAC TTTACTGGGA CACGGAATAA ACTTGATTGG TTAGTCAAGC GAAGAGCGAA

 2821 CTGTTCGCGC GCTTCTGCTC CCCGAGCTCA ATAAAAGAGC CCACAACCCC TCACTCGGGG
 GACAAGCGCG CGAAGACGAG GGGCTCGAGT TATTTCCTCG GGTGTTGGGG AGTGAGCCCC

 2881 CGCCAGTCCT CCGATTGACT GAGTCGCCCG GGTACCCGTG TATCCAATAA ACCCTCTTGC
 GGGTCAGGA GGCTAACTGA CTCAGCGGGC CCATGGGCAC ATAGGTTATT TGGGAGAACG

 2941 AGTTGCATCC GACTTGTGGT CTCGCTGTTC CTTGGGAGGG TCTCCTCTGA GTGATTGACT
 TCAACGTAGG CTGAACACCA GAGCGACAAG GAACCCCTCCC AGAGGAGACT CACTAACTGA

 3001 ACCCGTCAGC GGGGGTCTTT CACACATGCA GCATGTATCA AAATTAATTG GTTTTTTTT
 TGGGCAGTCG CCCCCCAGAAA GTGTGTACGT CGTACATAGT TTTAATTAAA CCAAAAAAAA

 3061 CTTAAGTATT TACATTAAT GGCCATAGTA CTTAAAGTTA CATTGGCTTC CTTGAAATAA
 GAATTCTATAA ATGTAATTAA CCGGTATCAT GAATTCAAT GTAACCGAAG GAACTTTATT

 3121 ACATGGAGTA TTCAGAATGT GTCATAAATA TTTCTAATTG TAAGATAGTA TCTCCATTGG
 TGTACCTCAT AAGTCTTACA CAGTATTAT AAAGATTAAA ATTCTATCAT AGAGGTAACC

 3181 CTTTCTACTT TTTCTTTTAT TTTTTTTTGT CCTCTGTCTT CCATTGTTG TTGTTGTTGT
 GAAAGATGAA AAAGAAAATA AAAAAAAACA GGAGACAGAA GGTAAACAAAC AACAAACA

 3241 TTGTTTGTGTT GTTTGTTGGT TGGTTGGTTA ATTTTTTTT AAAGATCCTA CACTATAGTT
 AACAAACAAA CAAACAACCA ACCAACCAAT TAAAAAAA TTTCTAGGAT GTGATATCAA

 3301 CAAGCTAGAC TATTAGCTAC TCTGTAACCC AGGGTGACCT TGAAGTCATG GGTAGCCTGC
 GTTCGATCTG ATAATCGATG AGACATTGGG TCCCACGTGA ACTTCAGTAC CCATCGGACG

 3361 TGTTTGTAGCC TTCCCACATC TAAGATTACA GGTATGAGCT ATCATTGTTG GTATATTGAT
 AACAAATCGG AAGGGTGTAG ATTCTAATGT CCATACTCGA TAGTAAAAC CATATAACTA

 3421 TGATTGATTG ATTGATGTGT GTGTGTGTGA TTGTGTTGT GTGTGTGANT GTGWAATGAT
 ACTAACTAAC TAACACACCA CACACACACT AACACAAACA CACACACTNA CACWTNTACA

1001 TCCGATTGTC TAGTGTCTAT GACTGATTG ATGCGCCTGC GTCGGTACTA GTTAGCTAAC
 AGGCTAACAG ATCACAGATA CTGACTAAAA TACCGGGACCG CAGCCATGAT CAATCGATTG
 1141 TAGCTCTGTA TCTGGCGGAC CCGTGGTGGA ACTGACGAGT TCGGAACACC CGGCCGCAAC
 ATCGAGACAT AGACCGCCTG GGCACCACCT TGACTGCTCA AGCCTTGTGG GCCGGCGTTG
 1201 CCTGGGAGAC GTCCCAGGGA CTTCGGGGGC CGTTTTGTG GCCCGACCTG AGTCCTAAAA
 GGACCCCTCTG CAGGGTCCCT GAAGCCCCCG GCAAAAACAC CGGGCTGGAC TCAGGATTTT
 1261 TCCCAGTCGT TTAGGACTCT TTGGTGCACC CCCCTTAGAG GAGGGATATG TGGTCTGGT
 AGGGCTAGCA AATCCTGAGA AACACACGTGG GGGGAATCTC CTCCCTATAC ACCAAGACCA
 1321 AGGAGACGAG AACCTAAAAC AGTTCCCAGG TCCGTCTGAA TTTTTGCTTT CGGTTTGGGA
 TCCTCTGTC TTGGATTTG TCAAGGGCGG AGGCAGACTT AAAAACGAAA GCCAAACCCCT
 1381 CCGAAGCCGC GCCGCGCGTC TTGTCTGCTG CAGCATCGTT CTGTGTTGTC TCTGTCTGAC
 GGCTTCGGCG CGCGCGCAG AACAGACGAC GTCGTAGCAA GACACAACAG AGACAGACTG
 1441 TGTGTTCTG TATTGCTG AAAATATGGG CCCGGGCTAG ACTGTTACCA CTCCCTTAAG
 ACACAAAGAC ATAAACAGAC TTTTATACCC GGGCCCGATC TGACAATGGT GAGGGAAATTC
 1501 TTTGACCTTA GGTCACTGGA AAGATGTCGA GCGGATCGCT CACAACCACT CGGTAGATGT
 AAACCTGGAAT CCAGTGACCT TTCTACAGCT CGCCTAGCGA GTGTTGGTCA GCCATCTACA
 1561 CAAGAAGAGA CGTTGGGTTA CCTTCTGCTC TGCAGAATGG CCAACCTTTA ACGTCGGATG
 GTTCTTCTCT GCAACCCAAT GGAAGACGAG ACGTCTTACC GGTTGGAAAT TGCAGCCTAC
 1621 GCGCGAGAC GGCACCTTTA ACCGAGACCT CATCACCCAG GTTAAGATCA AGGTCTTTTC
 CGGCGCTCTG CCGTGGAAAT TGGCTCTGGA GTAGTGGTCA CAATTCTAGT TCCAGAAAAG
 1681 ACCTGGCCCG CATGGACACC CAGACCAGGT CCCCTACATC GTGACCTGGG AAGCCTTGGC
 TGGACCGGGC GTACCTGTGG GTCTGGTCCA GGGGATGTAG CACTGGACCC TTCGGAACCG
 1741 TTTTGACCCC CCTCCCTGGG TCAAGCCCTT TGTACACCCCT AAGCCTCCGC CTCCCTTCTC
 AAAACTGGGG GGAGGGACCC AGTTGGGAA ACATGTGGGAA TTCGGAGGCG GAGGAGAAGG
 1801 TCCATCCGCC CCGTCTCTCC CCCCTGAACC TCCTCGTTCG ACCCCGCCTC GATCCTCCCT
 AGGTAGGGCGG GGCAGAGAGG GGGAACTTGG AGGAGCAAGC TGGGGCGGAG CTAGGAGGGA
 1861 TTATCCAGCC CTCACTCCTT CTCTAGGCGC CCCCATATGG CCATATGAGA TCTTATATGG
 AATAGGTCGG GAGTGAGGAA GAGATCCCGC GGGGTATAACC GGTATACTCT AGAATATAACC
 1921 GGCACCCCCCG CCCCTTGAA ACTTCCCTGA CCCTGACATG ACAAGAGTTA CTAACAGCCC
 CCGTGGGGGC GGGGAACATT TGAAGGGACT GGGACTGTAC TGTTCTCAAT GATTGTCGGG
 1981 CTCTCTCCAA GCTCACTTAC AGGCTCTCTA CTTAGTCCAG CACGAAGTCT GGAGACCTCT
 GAGAGAGGTT CGAGTGAATG TCCGAGAGAT GAATCAGGTC GTGCTTCAGA CCTCTGGAGA
 2041 GGCAGCAGCC TACCAAGAAC AACTGGACCG ACCGGTGGTA CCTCACCCCT ACCGAGTCGG
 CCGCCGTCGG ATGGTTCTTG TTGACCTGGC TGGCCACCAT GGAGTGGAA TGGCTCAGCC
 2101 CGACACAGTG TGGGTCCGCC GACACCAGAC TAAGAACCTA GAAACCTCGCT GGAAAGGACC
 GCTGTGTAC ACCCAGGGCGG CTGTGGTCTG ATTCTTGGAT CTTGGAGCGA CCTTCTGG
 2161 TTACACAGTC CTGCTGACCA CCCCCACCGC CCTCAAAGTA GACGGCATCG CAGCTTGGAT
 AATGTGTCAAG GACGACTGGT GGGGGTGGCG GGAGTTTCAT CTGCCGTAGC GTCGAACCTA
 2221 ACACGCCGCC CACGTGAAGG CTGCCGACCC CGGGGGTGGA CCATCCTCTA GACTGCCATG
 TGTGCGGCCGG GTGCACTTCC GACGGCTGGG GCCCCCCACCT GGTAGGAGAT CTGACGGTAC

3481 GTGTATGGNT GTGTGTGAKT GTGTGTATGT ATGNYTGTGT GTGANTGYGT GTGTGTGANT
 CACATACCA CACACACTMA CACACATACA TACNRACACA CACTNACRCA CACACACTNA
 3541 GTGCATGTGT GTGTGTGTGA CTGTGTCTAT GTGTATGACT GTGTGTGTGT GTGTGTGTGT
 CACGTACACA CACACACACT GACACAGATA CACACTACTGA CACACACACA CACACACACA
 3601 GTGTGTGTGT GTGTGTGTGT GTGTGTGTGT AAAAATATT CTATGGTAGT GAGAGCCAAC
 CACACACACA CACACACACA CACACAAACAC TTTTTTATAA GATACCATCA CTCTCGGTTG
 3661 GCTCCGGCTC AGGTGTCAGG TTGGTTTTG AGACAGAGTC TTTCACTTAG CTTGGAATTG
 CGAGGCCGAG TCCACAGTCC AACCAAAAAC TCTGTCTCAG AAAGTGAATC GAACCTTAAG
 3721 TTGAAGACGA AAGGGCCTCG TGATACGCCT ATTTTATAG GTTAATGTCA TGATAATAAT
 AACTTCTGCT TTCCCGGAGC ACTATGCGGA TAAAAATATC CAATTACAGT ACTATTATTA
 3781 GGTTTCTTAG ACGTCAGGTG GCACTTTCG GGGAAATGTG CGCGGAACCC CTATTGTTT
 CCAAAGAACG TGCAAGTCCAC CGTAAAAGC CCCTTACAC GCGCTTGGG GATAAACAAA
 3841 ATTTTCTAA ATACATTCAA ATATGTATCC GCTCATGAGA CAATAACCC GATAAATGCT
 TAAAAAGATT TATGTAAGTT TATACATAGG CGAGTACTCT GTTATTGGG GCTATTACGA
 3901 TCAATAATAT TGAAAAAGGA AGAGTATGAG TATTCAACAT TTCCGTGTCG CCCTTATTCC
 AGTTATTATA ACTTTTCCT TCTCATACTC ATAAGTTGTA AAGGCACAGC GGGAAATAAGG
 3961 CTTTTTGCG GCATTTGCC TTCTGTTTG TGCTCACCC GAAACGCTGG TGAAAGTAAA
 GAAAAAACGC CGTAAAACGG AAGGACAAAA ACGAGTGGGT CTTTGCACC ACCTTCATT
 4021 AGATGCTGAA GATCAGTTGG GTGCACGAGT GGGTTACATC GAACTGGATC TCAACAGCGG
 TCTACGACTT CTAGTCAACC CACGTGCTCA CCCAATGTAG CTTGACCTAG AGTTGTCGCC
 4081 TAAGATCCTT GAGAGTTTC GCCCCGAAGA ACGTTTCCA ATGATGAGCA CTTTTAAAGT
 ATTCTAGGAA CTCTAAAAG CGGGCTTCT TGCAAAAGGT TACTACTCGT GAAAATTTC
 4141 TCTGCTATGT GGCGCGGTAT TATCCGTGT TGACGCCGGG CAAGAGAAC TCGGTCGCCG
 AGACGATACA CGCGGCCATA ATAGGGCACA ACTGCCGGCC GTTCTCGTT AGCCAGCGGC
 4201 CATAACTAT TCTCAGAATG ACTTGGTTGA GTACTCACCA GTCACAGAAA AGCATTTAC
 GTATGTGATA AGAGTCTTAC TGAACCAACT CATGAGTGGT CAGTGTCTT TCGTAGAATG
 4261 GGATGGCATG ACAGTAAGAG AATTATGCAG TGCTGCCATA ACCATGAGTG ATAACACTGC
 CCTACCGTAC TGTCAATTCTC TTAATACGTC ACGACGGTAT TGGTACTCAC TATTGTGACG
 4321 GGCCAACTTA CTTCTGACAA CGATCGGAGG ACCGAAGGAG CTAACCGCTT TTTTGCACAA
 CCGGTTGAAT GAAGACTGTT GCTAGCCTCC TGGCTTCCTC GATTGGCGAA AAAACGTGTT
 4381 CATGGGGGAT CATGTAACTC GCCTGATCG TTGGGAACCG GAGCTGAATG AAGCCATACC
 GTACCCCCCTA GTACATTGAG CGGAACTAGC AACCCCTGGC CTCGACTTAC TTCGGTATGG
 4441 AAACGACGAG CGTGACACCA CGATGCCCTGC AGCAATGGCA ACAACGTTGC GCAAACATT
 TTTGCTGCTC GCACTGTGGT GCTACGGACG TCGTTACCGT TGTGCAACG CGTTTGATAA
 4501 AACTGGCGAA CTACTTACTC TAGCTTCCCG GCAACAATTA ATAGACTGGA TGGAGGCGGA
 TTGACCGCTT GATGAATGAG ATCGAAGGGC CGTTGTTAAT TATCTGACCT ACCTCCGCC
 4561 TAAAGTTGCA GGACCACTTC TGCGCTCGGC CCTTCCGGCT GGCTGGTTA TTGCTGATAA
 ATTCAACGT CCTGGTGAAG ACGCGAGCGG GGAAGGCCGA CCGACCAAAT AACGACTATT
 4621 ATCTGGAGCC GGTGAGCGTG GGTCTCGCGG TATCATTGCA GCACTGGGGC CAGATGGTAA
 TAGACCTCGG CCACTCGCAC CCAGAGCGCC ATAGTAACGT CGTGACCCCG GTCTACCATT

FIG. 17

4681 GCCCTCCCGT ATCGTAGTTA TCTACACGAC GGGGAGTCAG GCAACTATGG ATGAACGAAA
 CGGGAGGGCA TAGCATCAAT AGATGTGCTG CCCCTCAGTC CGTTGATACC TACTTGCTTT
 4741 TAGACAGATC GCTGAGATAG GTGCCTCACT GATTAAGCAT TGGTAACTGT CAGACCAAGT
 ATCTGTCTAG CGACTCTATC CACGGAGTGA CTAATTGCGTA ACCATTGACA GTCTGGTTCA
 4801 TTACTCATAT ATACTTTAGA TTGATTAAA ACTTCATTT TAATTAAAAA GGATCTAGGT
 AATGAGTATA TATGAAATCT AACTAAATT TGAAGTAAAAA ATTAAATT TTCTAGATCCA
 4861 GAAGATCCTT TTTGATAATC TCATGACCAA AATCCCTTAA CGTGAGTTT CGTTCCACTG
 CTTCTAGGAA AAACATTAG AGTACTGGTT TTAGGGATT GCACTCAAAA GCAAGGTGAC
 4921 AGCGTCAGAC CCCGTAGAAA AGATCAAAGG ATCTTCTTGA GATCCTTTT TTCTGCGCGT
 TCGCAGTCTG GGGCATCTT TCTAGTTCC TAGAAGAACT CTAGGAAAAA AAGACGCGCA
 4981 AATCTGCTGC TTGCAAACAA AAAAACCAACC GCTACCAGCG GTGGTTTGTG TGCCGGATCA
 TTAGACGACG AACGTTTGTG TTTTGGTGG CGATGGTCGC CACCAACAA ACGGCCTAGT
 5041 AGAGCTACCA ACTCTTTTC CGAAGGTAAC TGGCTTCAGC AGAGCGCAGA TACCAAATAC
 TCTCGATGGT TGAGAAAAG GCTTCCATTG ACCGAAGTCG TCTCGCGTCT ATGGTTTATG
 5101 TGTCTTCTA GTGTAGCCGT AGTTAGGCCA CCACTTCAAG AACTCTGTAG CACCGCTAC
 ACAGGAAGAT CACATCGGCA TCAATCCGGT GGTGAAGTTC TTGAGACATC GTGGCGGATG
 5161 ATACCTCGCT CTGCTAATCC TGTTACCAAGT GGCTGCTGCC AGTGGCGATA AGTCGTGTCT
 TATGGAGCGA GACGATTAGG ACAATGGTCA CCGACGACGG TCACCGCTAT TCAGCACAGA
 5221 TACCGGGTTG GACTCAAGAC GATAAGTACCG GGATAAGGCG CAGCGGTCGG GCTGAACGGG
 ATGGCCCAAC CTGAGTTCTG CTATCAATGG CCTATTCCGC GTCGCCAGCC CGACTTGCCC
 5281 GGGTTCGTGC ACACAGCCC GCTTGGAGCG AACGACCTAC ACCGAACTGA GATACTACA
 CCCAAGCACG TGTGTCGGGT CGAACCTCGC TTGCTGGATG TGGCTTGACT CTATGGATGT
 5341 GCGTGAGCTA TGAGAAAGCG CCACGCTTCC CGAAGGGAGA AAGGCGGACA GGTATCCGGT
 CGCACTCGAT ACTCTTCGC GGTGCGAAGG GCTTCCCTCT TTCCGCCCTGT CCATAGGCCA
 5401 AAGCGGCAGG GTCGGAACAG GAGAGCGCAC GAGGGAGCTT CCAGGGGGAA ACGCCTGGTA
 TTGCGCGTCC CAGCCTTGTG CTCTCGCGT GTCGCCCTT GGTCCCCCTT TGCGGACCAT
 5461 TCTTTATAGT CCTGTCGGGT TTGCCCCACCT CTGACTTGAG CGTCGATTTT TGTGATGCTC
 AGAAATATCA GGACAGCCC AAGCGGTGGA GACTGAACTC GCAGCTAAAA ACACATACGAG
 5521 GTCAGGGGGG CGGAGCCTAT GGAAAACGC CAGCAACGCG GCCTTTTAC GGTTCTGGC
 CAGTCCCCCC GCCTCGGATA CCTTTTGCG GTCGTTGCGC CGGAAAATG CCAAGGACCG
 5581 CTTTGCTGG CCTTTGCTC ACATGTTCTT TCCTGCGTTA TCCCCTGATT CTGTGGATAA
 GAAAACGACC GGAAAACGAG TGTACAAGAA AGGACGCAAT AGGGACTAA GACACCTATT
 5641 CCGTATTACC GCCTTGAGT GAGCTGATAC CGCTCGCCGC AGCCGAACGA CCGAGCGCAG
 GGCATAATGG CGGAAACTCA CTCGACTATG GCGAGCGGGCG TCGGCTTGCT GGCTCGCGTC
 5701 CGAGTCAGTG AGCGAGGAAG CGGAAGAGCG CCTGATGCGG TATTTCTCC TTACGCATCT
 GCTCAGTCAC TCGCTCCTTC GCCTTCTCGC GGACTACGCC ATAAAAGAGG AATGCGTAGA
 5761 GTGCGGTATT TCACACCGCA TATGGTGCAC TCTCAGTACA ATCTGCTCTG ATGCCGCATA
 CACGCCATAA AGTGTGGCGT ATACCACGTG AGAGTCATGT TAGACGAGAC TACGGCGTAT
 5821 GTTAAGCCAG TATACACTCC GCTATCGCTA CGTGACTGGG TCATGGCTGC GCCCGGACAC
 CAATTCCGGTC ATATGTGAGG CGATAGCGAT GCACTGACCC AGTACCGACG CGGGGCTGTG

FIG. 17

5881 CCGCCAACAC CCGCTGACGC GCCCTGACGG GCTTGTCTGC TCCCAGGCATC CGCTTACAGA
 GGCAGTTGTG GGCGACTGCC CGGGACTGCC CGAACAGACG AGGGCCGTAG GCGAATGTCT
 5941 CAAGCTGTGA CCGCTCTCCGG GAGCTGCATG TGTCAGAGGT TTTCACCGTC ATCACCGAAA
 GTTCGACACT GGCGAGGCC CTCGACGTAC ACAGTCTCCA AAAGTGGCAG TAGTGGCTTT
 6001 CGCGCGAGGC AGCTGCGGTA AAGCTCATCA GCGTGGTCGT GAAGCGATTG ACAGATGTCT
 GCGCGCTCCG TCGACGCCAT TTCACTAGT CGCACCAAGCA CTTCGCTAAG TGTCTACAGA
 6061 GCCTGTTCAT CCGCGTCCAG CTCGTTGAGT TTCTCCAGAA GCGTTAATGT CTGGCTTCTG
 CGGACAAGTA GGCGCAGGTC GAGCAACTCA AAGAGGTCTT CGCAATTACA GACCGAAGAC
 6121 ATAAAGCGGG CCATGTTAAG GGCGGTTTT TCCTGTTGG TCACTTGATG CCTCCGTGTA
 TATTCGCCG GGTACAATTG CCGCCAAAAA AGGACAAACC AGTGAACATAC GGAGGCACAT
 6181 AGGGGAATT TCTGTTCATG GGGGTAATGA TACCGATGAA ACGAGAGAGG ATGCTCACGA
 TCCCCCTTAA AGACAAGTAC CCCCATTACT ATGGCTACTT TGCTCTCTCC TACGAGTGCT
 6241 TACGGGTTAC TGATGATGAA CATGCCCGGT TACTGGAACG TTGTGAGGGT AAACAACGG
 ATGCCCAATG ACTACTACTT GTACGGGCCA ATGACCTTGC AACACTCCCA TTTGTTGACC
 6301 CGGTATGGAT GCGCGGGGAC CAGAGAAAAA TCACTCAGGG TCAATGCCAG CGCTTCGTTA
 GCCATACCTA CGCCGCCCTG GTCTTTTT AGTGAAGTCCC AGTTACGGTC GCGAAGCAAT
 6361 ATACAGATGT AGGTGTTCCA CAGGGTAGCC AGCAGCATCC TGCGATGCCAG ATCCGGAAACA
 TATGTCTACA TCCACAAAGGT GTCCCATCGG TCGTCGTAGG ACGCTACGTC TAGGCCTTGT
 6421 TAATGGTGCA GGGCGCTGAC TTCCGCGTTT CCAGACTTTA CGAAACACGG AAACCGAAGA
 ATTACCAACGT CCCGCGACTG AAGGCGAAA GGTCTGAAAT GCTTGTGCC TTTGGCTTCT
 6481 CCATTGATGT TGTTGTCAG GTCGCAGACG TTTTGAGCA GCAGTCGCTT CACGTCGCT
 GGTAAAGTACA ACAACGAGTC CAGCGTCTGC AAAACGTCGT CGTCAGCGAA GTGCAAGCGA
 6541 CGCGTATCGG TGATTCAATTG TGCTAACCAAG TAAGGCAACC CCGCCAGCCT AGCCGGGTCC
 GCGCATAGCC ACTAAGTAAG ACGATTGGTC ATTCCGTTGG GCGGGTCGGA TCGGCCAGG
 6601 TCAACGACAG GAGCACGATC ATGCGCACCC GTGGCCAGGA CCCAACGCTG CCCGAGATGC
 AGTTGCTGTC CTCGTGCTAG TACCGTGGGG CACCGTCCT GGGTTGCGAC GGGCTCTACG
 6661 GCGCGTGCCT GCTGCTGGAG ATGGCGGACG CGATGGATAT GTTCTGCCAA GGGTTGGTTT
 CGCGCACCG CGACGACCTC TACCGCCTGC GCTACCTATA CAAGACGGTT CCCAACCAAA
 6721 GCGCATTCAAC AGTTCTCCGG AAGAATTGAT TGGCTCCAAT TCTTGGAGTG GTGAATCCGT
 CGCGTAAGTG TCAAGAGGCG TTCTTAACCA ACCGAGGTTA AGAACCTCAC CACTTAGGCA
 6781 TAGCGAGGTG CCGCCGGCTT CCATTCAAGGT CGAGGGTGGCC CGGCTCCATG CACCGCGACG
 ATCGCTCCAC GGCGGCCGAA GGTAAGTCCA GCTCCACCGG GCGAGGTAC GTGGCGCTGC
 6841 CAAACGGGG AGGCAGACAA GGTATAGGGC GGCGCCTACA ATCCATGCCA ACCCGTTCCA
 GTTGCCTCCCG TCCGTCTGTT CCATATCCCG CCGCGGATGT TAGGTACGGT TGGGCAAGGT
 6901 TGTGCTCGCC GAGGCAGGCAT AAATCGCCGT GACGATCAGC GGTCCAGTGA TCGAAGTTAG
 ACACGAGCGG CTCCGCGCTA TTTAGCGGA CTGCTAGTCG CCAGGTCACT AGCTTCATAC
 6961 GCTGGTAAGA GCGCGAGCG ATCCITGAAG CTGTCCTGA TGGTCGTAC CTACCTGCCT
 CGACCATTCT CGCGCTCGC TAGGAACCTTC GACAGGGACT ACCAGCAGTA GATGGACGGA
 7021 GGACAGCATG GCCTGCAACG CGGGCATCCC GATGCCGCCG GAAGCGAGAA GAATCATAAT
 CCTGTCGTAC CGGACGTTGC GCGCGTAGGG CTACGGCGGC CTTCGCTCTT CTTAGTATTA

7081 GGGGAAGGCC ATCCAGCCTC GCGTCGCGAA CGCCAGCAAG ACGTAGCCCA GCGCGTCGGC
 CCCCTTCCGG TAGGTCGGAG CGCAGCGCTT GCGGTGTTTC TGCATCGGGT CGCGCAGCCG

 7141 CGCCATGCCG GCGATAATGG CCTGCTTCTC GCCGAAACGT TTGGTGGCGG GACCAGTGAC
 CGGGTACGGC CGCTATTACC GGACGAAGAG CGGCTTTGCA AACCAACGCC CTGGTCACTG

 7201 GAAGGCTTGA GCGAGGGCGT GCAAGATTCC GAATACCGCA AGCGACAGGC CGATCATCGT
 CTTCCGAACG CGCTCCCGCA CGTTCTAAGG CTTATGGCGT TCGCTGTCCG GCTAGTAGCA

 7261 CGCGCTCCAG CGAAAGCGGT CCTCGCCGAA AATGACCCAG AGCGCTGCCG GCACCTGTCC
 CGCGGAGGTC GCTTTCGCCA GGAGCGGCTT TTACTGGGTC TCGCGACGGC CGTGGACAGG

 7321 TACGAGTTGC ATGATAAAAGA AGACAGTCAT AAGTGCAGCG ACGATAGTCA TGCCCCGCC
 ATGCTCAACG TACTATTCT TCTGTCAGTA TTCACGCCGC TGCTATCAGT ACGGGGCGCG

 7381 CCACCGGAAG GAGCTGACTG GGTTGAAGGC TCTCAAGGGC ATCGGTCGAC GCTCTCCCTT
 GGTGGCCTTC CTCGACTGAC CCAACTCCG AGAGTTCCCG TAGCCAGCTG CGAGAGGGAA

 7441 ATCGGACTCC TGCATTAGGA AGCAGCCCAG TAGTAGGTTG AGGCCGTTGA GCACCGCCGC
 TACGCTGAGG ACGTAATCCT TCGTCGGGTC ATCATCCAAC TCCGGCAACT CGTGGCGGCG

 7501 CGCAAGGAAT GGTGCATGCA AGGAGATGGC GCCCAACAGT CCCCCGGCCA CGGGGCCTGC
 GCGTTCTTA CCACGTACGT TCCTCTACCG CGGGTTGTCA GGGGGCCGGT GCCCCGGACG

 7561 CACCATACCC ACGCCGAAAC AAGCGCTCAT GAGCCCGAAG TGGCGAGCCC GATTTCCCC
 GTGGTATGGG TGCAGCTTTG TTCCGCGAGTA CTCAGGCTTC ACCGCTCGGG CTAGAAGGGG

 7621 ATCGGTGATG TCGGCGATAT AGGCGCCAGC AACCGCACCT GTGGCGCCGG TGATGCCGGC
 TAGCCACTAC AGCCGCTATA TCCGCGGTG TTGGCGTGG A CACCGCGGCC ACTACGGCCG

 7681 CACGATGCGT CCGGCGTAGA GCGCCACAGG ACGGGTGTGG TCGCCATGAT CGCGTAGTCG
 GTGCTACGCA GCGCGCATCT CGCGGTGTCC TGCCCACACC AGCGGTACTA GCGCATCAGC

 7741 ATAGTGGCTC CAAGTAGCGA AGCGAGCAGG ACTGGGCGGC GGCCAAAGCG GTCGGACAGT
 TATCACCAG GTTCATCGCT TCGCTCGTCC TGACCCGCCG CCGGTTTCGC CAGCCTGTCA

 7801 GCTCCGAGAA CGGGTGCAGCA TAGAAATTGC ATCAACGCAT ATAGCGCTAG CAGCACGCCA
 CGAGGCTCTT GCCCACGCGT ATCTTAACG TAGTTGCAGA TATCGCGATC GTCGTGCGGT

 7861 TAGTGAATGG CGATGCTGTC GGAATGGACG ATATCCGCA AGAGGCCGG CAGTACCGGC
 ATCACTGACC GCTACGACAG CCTTACCTGC TATAAGGGCGT TCTCCGGGCC GTCATGGCCG

 7921 ATAACCAAGC CTATGCCTAC AGCATCCAGG GTGACGGTGC CGAGGATGAC GATGAGCGCA
 TATTGGTTCG GATA CGGATG TCGTAGGTCC CACTGCCACG GCTCCTACTG CTACTCGCGT

 7981 TTGTTAGATT TCATACACGG TGCCTGACTG CGTTAGCAAT TAAACTGTGA TAAACTACCG
 AACAAATCTAA AGTATGTGCC ACGGACTGAC GCAATCGTTA AATTGACACT ATTTGATGGC

 8041 CATTA
 GTAAT